

HAZARDOUS WASTE

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Environmental Assistance Office

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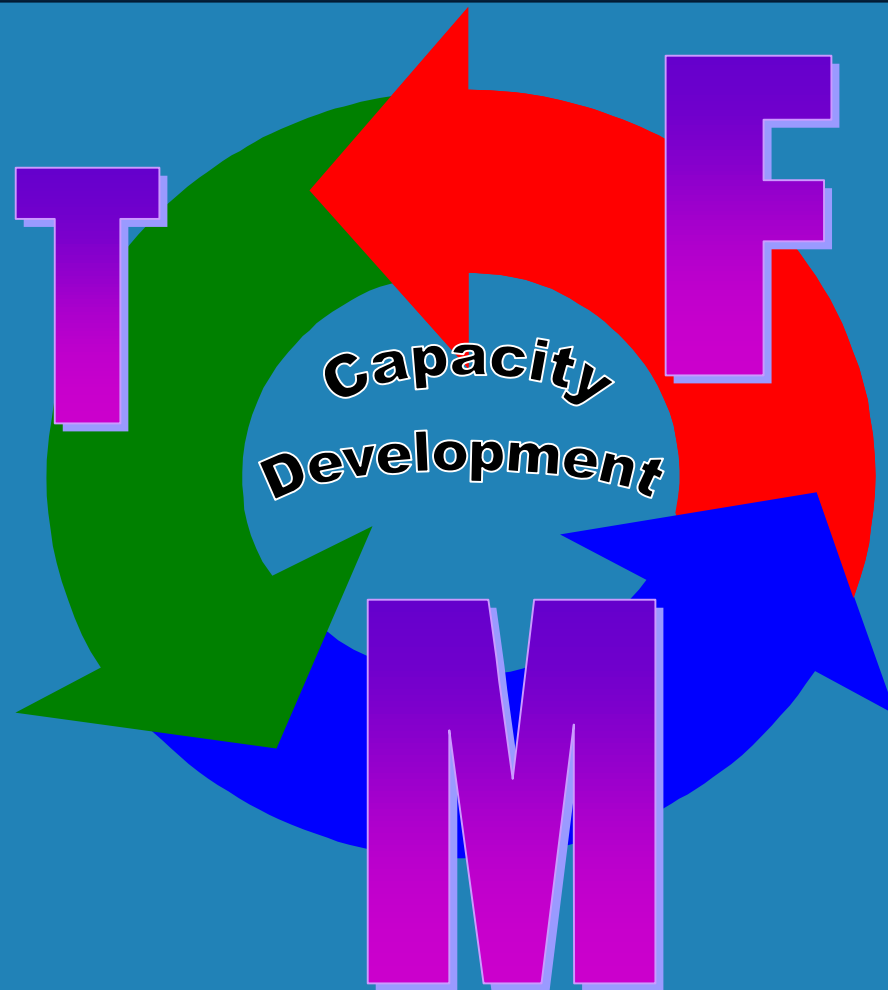


Agenda

What is hazardous waste?
Contaminated properties
Petroleum storage tanks
Points of contact

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TMF Watch



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Missouri
Department of
Natural Resources

What is Hazardous Waste?

Hazardous Waste: Any waste that is:

- ignitable
- corrosive
- reactive
- toxic
- listed as HAZWaste in state/fed regs

Can be solid, sludge, liquid or gaseous



Hazardous Waste Generators

Generators must register

- Any one that generates or accumulates 220 pounds (100 kilograms or more)
- Hazardous waste fees and taxes may be assessed

Max on-site storage time is 90 days without obtaining permit

Hazardous Waste Generators

Where do you register?

- Regional Office
- Hazardous Waste Program (Jeff City)

**If you don't know if you should register,
contact EAO at 1-800-361-4827 or the
HWP at (573) 751-3176**

Contaminated (Abandoned) Sites

**What are we going to do about that
abandoned, contaminated property
over on (insert street name here) that nobody
wants?**

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Suspect Sites

Industrial/Commercial sites

Chemical storage facilities

Abandoned properties

Petroleum storage facilities

Listed Superfund sites

Decommissioned military sites

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KCTR — LEAKY DRUMS



Smelly Yellow
Stuff

Petroleum

Contaminated Site Assessment

Environmental Assessments

A two-phased inspection process

ALWAYS know what you're buying

Use private consultants/engineers

Contact HW Program first -- they may
help you save a little \$\$\$

Contaminated Sites Clean up

Brownfield Redevelopment Initiative

- Federal program administered by Departments of Economic Development and Natural Resources
- Limited funds; few sites qualify
- Usually a lengthy, complicated process

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KCTR (Westside Business Park)



Contaminated Sites Clean up

Voluntary Cleanup Program (VCP)

- State program funded under CERCLA Law (Superfund)
- Provides oversight of cleanup and release from future liability
- Most sites can qualify for some aid
- A much quicker process overall

How VCP Works

Department review of application to participate

Site remediation--VCP oversight

Institutional controls (if needed)

Closure -- VCP issues a “No Further Action” letter

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Petroleum Storage Tanks

Under ground (UST)
Above ground (AST)

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UST Statistics

In Missouri there are:

- 13,000 tank facilities
- 36,000 tanks
- 5,200 releases to date
- 1,240 active release sites
- 40% of facilities have had a release

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State UST Program

Basic requirements

- ✓ Registration
- ✓ Leak protection and detection
- ✓ Financial responsibility
- ✓ Upgrade of older active tanks
- ✓ Closure if requirements can't be met

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Petroleum Storage Tank Insurance Fund (PSTIF)

Why is the fund available?

- Assist UST owners in complying with financial responsibility requirements
- Foster good business practices, economic growth and environmental stewardship
- Provide remedial reimbursement to participating tank owners to clean up leaks and spills
- Provide insurance coverage for liability issues, including contamination found during property transactions

Emergency Response

First Responders

- Fire and Police Services
- Haz Mat Contractors

Local Emergency Management

- City or County

State & Federal Agencies

- MoDNR Spill Line, EPA, SEMA, FEMA

Emergency Contacts

EMERGENCY:

Local First Responders

City or County Officials

Environmental Emergency Response

hotline: (573) 634-2436

SEMA: (573) 526-9100

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Emergency Contacts

Non-Emergency:

HWP: (573) 751-3176

VCP: (573) 526-8913

Tanks: (573) 751-6822

PSTIF: (800) 765-2765

Brownfield: (573) 751-4180



Questions?



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